

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTASXJ1617

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	3	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	4	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS	5	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS	6	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS	7	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances
NEWS	8	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	9	NOV 26	MARPAT enhanced with FSORT command
NEWS	10	NOV 26	MEDLINE year-end processing temporarily halts availability of new fully-indexed citations
NEWS	11	NOV 26	CHEMSAFE now available on STN Easy
NEWS	12	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	13	DEC 01	ChemPort single article sales feature unavailable

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 14:24:35 ON 10 DEC 2008

=> file caplus
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE ENTRY 0.21	TOTAL SESSION 0.21
-----------------------------	--------------------------

FILE 'CAPLUS' ENTERED AT 14:24:51 ON 10 DEC 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Dec 2008 VOL 149 ISS 24
FILE LAST UPDATED: 9 Dec 2008 (20081209/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

```
=> s US20060034893A1/pn
L1          1 US20060034893A1/PN
          (US20060034893/PN)
```

```
=> sel rn
E1 THROUGH E2 ASSIGNED
```

```
=> sile reg
SILE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.61	4.82

FILE 'REGISTRY' ENTERED AT 14:27:56 ON 10 DEC 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 DEC 2008 HIGHEST RN 1082653-47-1
DICTIONARY FILE UPDATES: 9 DEC 2008 HIGHEST RN 1082653-47-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when

conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> s e1-e2
      1 520-26-3/BI
          (520-26-3/RN)
      1 7440-70-2/BI
          (7440-70-2/RN)
L2      2 (520-26-3/BI OR 7440-70-2/BI)
```

```
=> d scan
```

```
L2  2 ANSWERS  REGISTRY  COPYRIGHT 2008 ACS on STN
IN  Calcium
MF  Ca
CI  COM
```

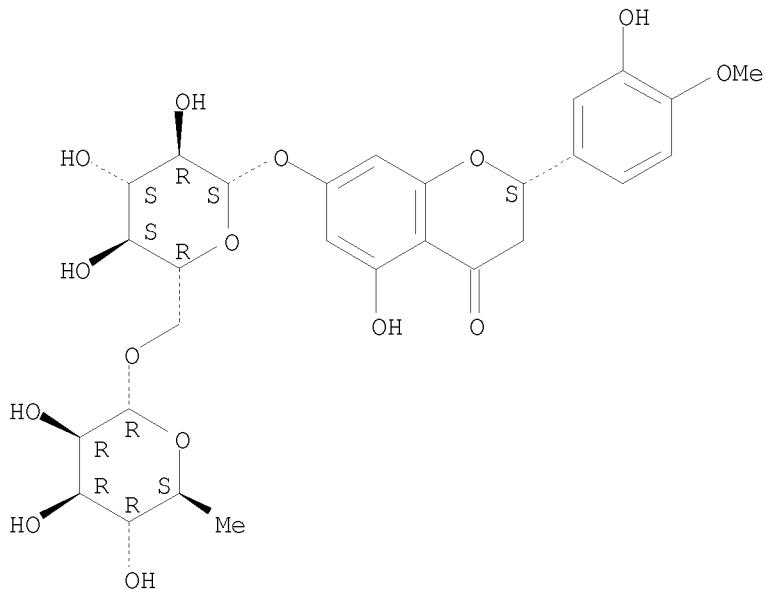
Ca

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

```
L2  2 ANSWERS  REGISTRY  COPYRIGHT 2008 ACS on STN
IN  4H-1-Benzopyran-4-one, 7-[[6-O-(6-deoxy- $\alpha$ -L-mannopyranosyl)- $\beta$ -D-
    glucopyranosyl]oxy]-2,3-dihydro-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-,
    (2S)-
MF  C28 H34 O15
CI  COM
```

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s 7440-70-2/rn
 L3 1 7440-70-2/RN

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 7440-70-2 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Calcium (CA INDEX NAME)
 OTHER NAMES:
 CN Atomic calcium
 CN Blood-coagulation factor IV
 CN Calcium atom
 CN Calcium element
 CN Praval
 DR 8047-59-4
 MF Ca
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS*, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Ca

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

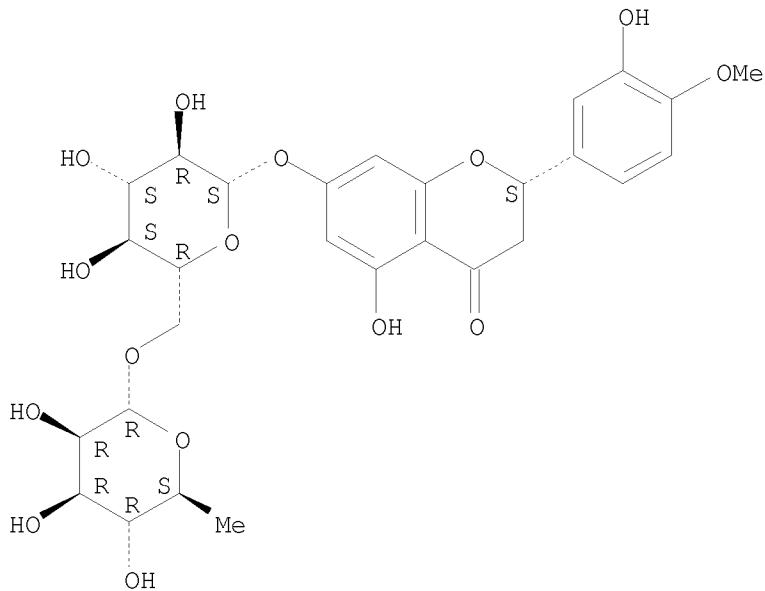
414875 REFERENCES IN FILE CA (1907 TO DATE)
9854 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
415504 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 520-26-3/rn
L4 1 520-26-3/RN

=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 520-26-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN 4H-1-Benzopyran-4-one, 7-[6-O-(6-deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-2,3-dihydro-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-, (2S)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4H-1-Benzopyran-4-one, 7-[6-O-(6-deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-2,3-dihydro-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-, (S)-
CN Flavanone, 3',5,7-trihydroxy-4'-methoxy-, 7-(6-O- α -L-rhamnosyl-D-glucoside) (7CI)
CN Hesperidin (8CI)
OTHER NAMES:
CN (2S)-Hesperidin
CN Atripliside B
CN Cirantin
CN Hesperetin 7-rhamnoglucoside
CN Hesperetin 7-rutinoside
CN Hesperidine
CN Hesperidoside
CN NSC 44184
FS STEREOSEARCH
DR 960582-50-7, 16643-24-6, 17654-22-7, 15512-51-3, 28283-75-2, 30927-97-0, 32737-61-4, 106904-63-6
MF C28 H34 O15
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT, PROMT, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, USPATOLD
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2357 REFERENCES IN FILE CA (1907 TO DATE)
 115 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2372 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus	COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST		5.84	10.66

FILE 'CAPLUS' ENTERED AT 14:30:15 ON 10 DEC 2008
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Dec 2008 VOL 149 ISS 24
 FILE LAST UPDATED: 9 Dec 2008 (20081209/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

```
=> s 14
L5          2372 L4

=> s 14 and bone or osteoporosis
     2372 L4
     239516 BONE
     24171 OSTEOPOROSIS
L6          24193 L4 AND BONE OR OSTEOPOROSIS

=> s 16 and py<2003
     22961967 PY<2003
L7          11637 L6 AND PY<2003

=> s 17 and heperidin
     3 HEPERIDIN
L8          0 L7 AND HEPERIDIN

=> s hesperidin
L9          2669 HESPERIDIN

=> s 19 and bone or osteoporosis
     239516 BONE
     24171 OSTEOPOROSIS
L10         24193 L9 AND BONE OR OSTEOPOROSIS

=> s 110 and py<2003
     22961967 PY<2003
L11         11637 L10 AND PY<2003

=> s 110 and py<2001
     21007152 PY<2001
L12         8328 L10 AND PY<2001

=> s 19 and treat osteoporosis
     91451 TREAT
     24171 OSTEOPOROSIS
     208 TREAT OSTEOPOROSIS
           (TREAT(W) OSTEOPOROSIS)
L13         0 L9 AND TREAT OSTEOPOROSIS

=> s 19 and treat w/ osteoporosis
MISSING OPERATOR

=> s 19 and treat w/osteoporosis
'OSTEOPOROSIS' IS NOT A VALID FIELD CODE
     0 TREAT W/OSTEOPOROSIS
L14         0 L9 AND TREAT W/OSTEOPOROSIS

=> s 19 and treat and osteoporosis
     91451 TREAT
     24171 OSTEOPOROSIS
L15         1 L9 AND TREAT AND OSTEOPOROSIS

=> d 115 iibib abs hitstr
'IIBIB' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'
```

The following are valid formats:

ABS ----- GI and AB

ALL ----- BIB, AB, IND, RE
 APPS ----- AI, PRAI
 BIB ----- AN, plus Bibliographic Data and PI table (default)
 CAN ----- List of CA abstract numbers without answer numbers
 CBIB ----- AN, plus Compressed Bibliographic Data
 CLASS ----- IPC, NCL, ECLA, FTERM
 DALL ----- ALL, delimited (end of each field identified)
 DMAX ----- MAX, delimited for post-processing
 FAM ----- AN, PI and PRAI in table, plus Patent Family data
 FBIB ----- AN, BIB, plus Patent FAM
 IND ----- Indexing data
 IPC ----- International Patent Classifications
 MAX ----- ALL, plus Patent FAM, RE
 PATS ----- PI, SO
 SAM ----- CC, SX, TI, ST, IT
 SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
 SCAN must be entered on the same line as the DISPLAY,
 e.g., D SCAN or DISPLAY SCAN)
 STD ----- BIB, CLASS

 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IBIB ----- BIB, indented with text labels
 IMAX ----- MAX, indented with text labels
 ISTD ----- STD, indented with text labels

 OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

 SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

 HIT ----- Fields containing hit terms
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
 OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):
 ENTER DISPLAY FORMAT (BIB):
 ENTER DISPLAY FORMAT (BIB):hit

AB The present invention includes compns. and methods for the treatment and prevention of oral mucosal disorders and for promotion of bone health. In particular, the present invention describes new therapeutic and preventative uses for 3,3'-diindolylmethane (DIM), or a DIM-related indole, alone or in combination with anti-inflammatory agents and/or antibacterial agents, to treat oral mucosal disorders and promote bone health. The compns. of the invention are used to prevent and reverse oral mucosal disorders and bone loss (osteopenia and osteoporosis) associated with aging and chronic inflammation. Oral mucosal disorders include Periodontitis, gingivitis and related oral mucosal inflammation. Formulations of the compns. of the invention include capsules, tablets, toothpastes, oral gels, mouthwashes, mouth rinses, lozenges, chewing gum, dental floss, and dental topical formulations, and fortified foods. Capsules containing 150 mg diindolylmethane and 30 mg resveratrol were prepared. Treatment of gingivitis in a woman with rheumatoid arthritis by 50 mg DIM twice daily is reported.

IT Anti-inflammatory agents
Antibacterial agents
Chewing gum
Dentifrices
Human
Ipomoea batatas
Macleaya cordata
Mouthwashes
Osteoporosis
Rheumatoid arthritis
Sambucus
Sanguinaria
(diindolylmethane-based compns. and methods of use thereof for promoting oral mucosal and bone health)

IT 50-78-2, Aspirin 53-86-1, Indomethacin 55-56-1, Chlorhexidine 56-03-1, Biguanide 58-27-5, Vitamin K3 59-67-6, Niacin, biological studies 65-45-2, Salicylamide 68-26-8, all-trans-Retinol 73-31-4, Melatonin 77-52-1, Ursolic acid 79-81-2, Retinyl palmitate 80-05-7D, compds., halogenated 83-86-3, Phytic acid 84-26-4, Rutaecarpine 87-17-2, Salicylanilide 87-99-0, Xylitol 103-72-0, Phenyl isothiocyanate 110-89-4D, Piperidine, derivs. 120-46-7, Dibenzoylmethane 120-72-9D, 1H-Indole, derivs. 123-03-5, Cetylpyridinium chloride 127-47-9, Retinyl acetate 141-94-6, Hexetidine 302-79-4, trans-Retinoic acid 331-39-5, Caffeic acid 404-86-4, Capsaicin 446-72-0, Genistein 458-37-7, Curcumin 465-42-9, Capsanthin 471-53-4, Glycyrhetic acid 476-66-4, Ellagic acid 478-01-3, Nobletin 490-46-0, (-)Epicatechin 491-70-3, Luteolin 501-36-0, Resveratrol 518-17-2, Evodiamine 520-26-3, Hesperidin 520-36-5, Apigenin 522-17-8, Deguelin 536-59-4, Perillyl alcohol 538-71-6, Domiphen bromide 541-15-1, L-Carnitine 546-46-3, Zinc citrate 548-04-9, Hypericin 592-88-1, Diallyl sulfide 616-91-1, N-Acetyl-L-Cysteine 644-62-2, Meclofenamic acid 970-74-1, (-)Epigallocatechin 989-51-5, Epigallocatechin gallate 1077-28-7, DL- α -Lipoic acid 1135-24-6, Ferulic acid 1180-71-8, Limonin 1257-08-5 2050-87-5, Diallyl trisulfide 2179-57-9, Allyl disulfide 2447-54-3, Sanguinarine 2785-54-8, Tetradecylpyridinium chloride 3081-61-6, L-Theanine 3380-34-5, Triclosan 3650-09-7, Carnosic acid 3895-92-9, Chelerythrine chloride 4176-97-0, Deoxy-Andrographolide 4346-18-3, Phenylbutyrate 4350-09-8, 5-Hydroxy-L-tryptophan 4468-02-4, Zinc gluconate 4478-93-7, Sulforaphane 4759-48-2 5104-49-4, Flurbiprofen 5300-03-8 5508-58-7, Andrographolide 5989-27-5, D-Limonene 6645-46-1, L-Carnitine hydrochloride 10236-47-2, Naringin 15687-27-1, Ibuprofen 15826-37-6, Cromolyn sodium 18472-51-0, Chlorhexidine digluconate 20283-92-5, Rosmarinic acid 20554-84-1, Parthenolide 22071-15-4, Ketoprofen 22204-53-1, Naproxen 22573-93-9,

Alexidine 22888-70-6, Silibinin 35014-84-7,
 N-Tetradecyl-4-ethylpyridinium chloride 35354-74-6, Honokiol
 36322-90-4, Piroxicam 58186-27-9, Idebenone 58880-19-6, Trichostatin A
 71138-71-1, Octapinol 71251-02-0, Octenidine 71835-85-3 74103-06-3,
 Ketorolac 77029-83-5, Hypocrellin A 79874-76-3, Delmopinol
 104594-70-9, Caffeic acid phenethyl ester 105748-59-2, Brassinin
 123564-61-4, Limonin glucoside 134418-28-3, Dehydro-Andrographolide
 142383-32-2 911217-00-0 911376-76-6, Ebulin 1
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (diindolylmethane-based compns. and methods of use thereof for
 promoting oral mucosal and bone health)

=> d 115

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:1030441 CAPLUS
 DN 145:404148
 TI Diindolylmethane-based compositions and methods of use thereof for
 promoting oral mucosal and bone health
 IN Zeligs, Michael A.
 PA Bioresponse, L.L.C., USA
 SO PCT Int. Appl., 96pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006105196	A2	20061005	WO 2006-US11465	20060328
	WO 2006105196	A3	20070315		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	CA 2603235	A1	20061005	CA 2006-2603235	20060328
	US 20060264497	A1	20061123	US 2006-392840	20060328
	EP 1865929	A2	20071219	EP 2006-739932	20060328
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRAI	US 2005-666255P	P	20050328		
	US 2006-776122P	P	20060222		
	WO 2006-US11465	W	20060328		
OS	MARPAT	145:404148			

=>